

The drawing shows a vertical cross-section of a mechanical component. At the top, there is a large, rounded, bulbous section. Below this, the component narrows into a long, cylindrical body. This body has several internal features: a central vertical passage, and two side passages that appear to be ports or valves. The bottom of the component is flared out into a wider, rounded base. Various lines and shading are used to indicate the three-dimensional form and internal structure of the part.

FIGURE 1B

Year	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	

FIGURE 1C

FIGURE 1C

A detailed vertical timeline of the 19th century, showing the years 1800 through 1899. The timeline is marked with vertical lines and includes various historical events and figures. The years are listed in a column on the left, and the events are listed in a column on the right. The events are written in a small, dense font, and the timeline is a simple vertical line with tick marks for each year.

A detailed vertical timeline of the 19th century, showing the years 1800 through 1899. The timeline is marked with vertical lines and includes various historical events and figures. The years are listed in a column on the left, and the events are listed in a column on the right. The events are written in a small, dense font, and the timeline is a simple vertical line with tick marks for each year.

FIGURE 1D

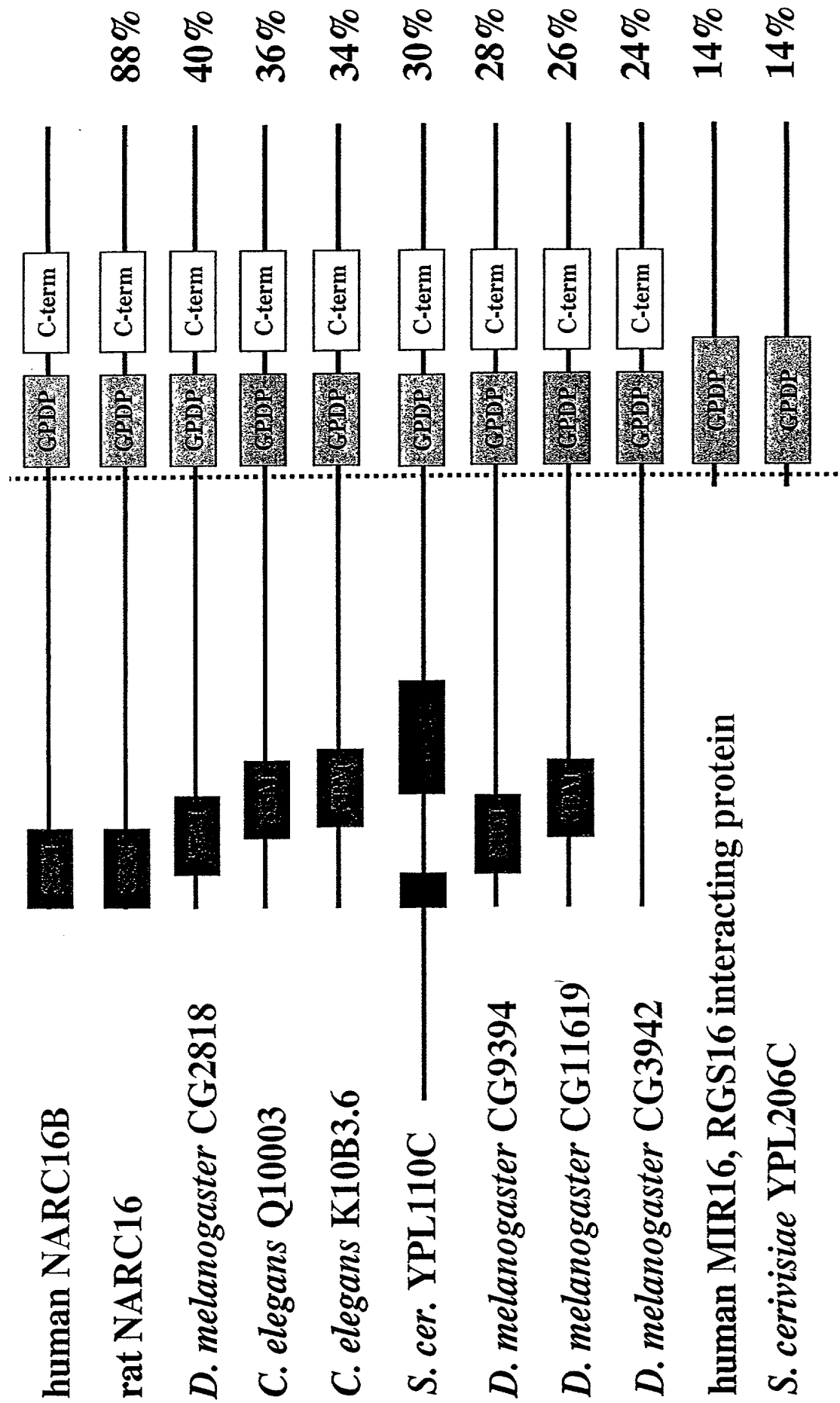


FIGURE 2

using Clustal method with PAM250

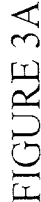
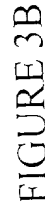


FIGURE 3A

Variable	Mean	SD	Min	Max
Age (years)	38.5	10.5	25	55
Gender (male/female)	15/15	0	0	30
Marital status (married/divorced/separated)	10/5/5	0	0	20
Education (years)	12.5	2.5	9	16
Occupation (unemployed/employed)	10/10	0	0	20
Income (TL/month)	1500	500	500	3000
Health status (good/bad)	15/5	0	0	20
Smoking status (smoker/non-smoker)	10/10	0	0	20
Alcohol consumption (yes/no)	5/15	0	0	20
Stress level (low/high)	10/10	0	0	20
Social support (high/low)	10/10	0	0	20
Life satisfaction (high/low)	10/10	0	0	20
Depression score (0-10)	5.5	2.5	0	10
Anxiety score (0-10)	4.5	2.5	0	10
Stress score (0-10)	6.5	2.5	0	10
Social support score (0-10)	7.5	2.5	0	10
Life satisfaction score (0-10)	6.5	2.5	0	10
Depression score (0-10)	5.5	2.5	0	10
Anxiety score (0-10)	4.5	2.5	0	10
Stress score (0-10)	6.5	2.5	0	10
Social support score (0-10)	7.5	2.5	0	10
Life satisfaction score (0-10)	6.5	2.5	0	10
Depression score (0-10)	5.5	2.5	0	10
Anxiety score (0-10)	4.5	2.5	0	10
Stress score (0-10)	6.5	2.5	0	10
Social support score (0-10)	7.5	2.5	0	10
Life satisfaction score (0-10)	6.5	2.5	0	10



Alignment Report of truncatedNARC16GPDPClustal.MEG, using Clustal method with PAM250 residue weight table.

20510"53400T

. L S F R human match										
+ Majority										
Majority										
370	-	-	-	-	-	-	-	-	-	250
574	-	-	-	-	-	-	-	-	-	-
391	-	-	-	-	-	-	-	-	-	-
373	-	-	-	-	-	-	-	-	-	-
430	-	-	-	-	-	-	-	-	-	-
388	-	-	-	-	-	-	-	-	-	-
547	-	-	-	-	-	-	-	-	-	-
human match										
+ Majority										
Majority										
445	-	-	-	-	-	-	-	-	-	300
688	-	-	-	-	-	-	-	-	-	-
472	-	-	-	-	-	-	-	-	-	-
469	-	-	-	-	-	-	-	-	-	-
526	-	-	-	-	-	-	-	-	-	-
469	-	-	-	-	-	-	-	-	-	-
697	-	-	-	-	-	-	-	-	-	-
human match										
+ Majority										
Majority										

370	L	G	Q	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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FIGURE 3C

[illegible]FIGURE 3D

Alignment Report of truncatedNARC16GPDPClustal.MEG, using Clustal method with PAM250 residue weight table.

	human match
	+ Majority
	Majority
	yhdW.seq
	b2239.seq
	b3449.seq
	RV0317c.seq
	RV3842c.seq
	A05 orf241a.seq
	hNARC16 CtermLG.seq
730	
1075	
742	
769	
823	
724	
1138	

FIGURE 3E

Input file flhbNARC10C; Output File flhbNARC10C.pat
Sequence length 2034

```

GTCGACCCACGCGTCCGGCAAGATCTCTCTGGACCAGCTCGGGTGCAGGGCCTCTGCGGGAGCCCTCCTAGACCTCTGC 79

      M   A   D   S   E   N   Q   G   P   A   E   P   S   Q   A   A   16
GGCTTCTCCTCTAAC ATG GCC GAC TCG GAA AAC CAG GGG CCT GCG GAG CCT AGC CAG GCG GCG 142

A   A   A   E   A   A   A   E   E   V   M   A   E   G   G   A   Q   G   G   D   36
GCA GCG GCG GAG GCA GCG GCA GAG GAG GTA ATG GCG GAA GGC GGT GCG CAG GGT GGA GAC 202

C   D   S   A   A   G   D   P   D   S   A   A   G   Q   M   A   E   E   P   Q   56
TGT GAC AGC GCG GCT GGT GAC CCT GAC AGC GCG GCT GGT CAG ATG GCT GAG GAG CCC CAG 262

T   P   A   E   N   A   P   K   P   K   N   D   F   I   E   S   L   P   N   S   76
ACC CCT GCA GAG AAT GCC CCA AAG CCG AAA AAT GAC TTT ATC GAG AGC CTG CCT AAT TCG 322

V   K   C   R   V   L   A   L   K   K   L   Q   K   R   C   D   K   I   E   A   96
GTG AAA TGC CGA GTC CTG GCC CTC AAA AAG CTG CAG AAG CGA TGC GAT AAG ATA GAA GCC 382

K   F   D   K   E   F   Q   A   L   E   K   K   Y   N   D   I   Y   K   P   L   116
AAA TTT GAT AAG GAA TTT CAG GCT CTG GAA AAA AAG TAT AAT GAC ATC TAT AAG CCC CTA 442

L   A   K   I   Q   E   L   T   G   E   M   E   G   C   A   W   T   L   E   G   136
CTC GCC AAG ATC CAA GAG CTC ACC GGC GAG ATG GAG GGG TGT GCA TGG ACC TTG GAG GGG 502

E   E   E   E   E   E   E   Y   E   D   D   E   E   E   G   E   D   E   E   E   156
GAG GAG GAG GAG GAA GAG GAG TAC GAG GAT GAC GAG GAG GAG GGG GAA GAC GAG GAG GAG 562

E   E   A   A   A   E   A   A   A   G   A   K   H   D   D   A   H   A   E   M   176
GAG GAG GCT GCG GCA GAG GCT GCC GCG GGG GCC AAA CAT GAC GAT GCC CAC GCC GAG ATG 622

P   D   D   A   K   K   *   183
CCT GAT GAC GCC AAG AAG TAA 643

GGGGGGCAGAGATGGATGAAGAGAAAGCCACGAAGAAAAAGCCTGGTTTTGTTTTTCCAGAAATATCGATGGACTTA 722

AAAAGGCTCAGGTTTTTGACCAAAATACAATGTGAATTTATTCTGACATTCTTAAATAGATTAATTAAGCAATTAG 801

ATCCTGGCCAGCTCGATTCAAATTTGACTTTTCATTTTGAACATAATAAATATATCAAAAGGTGTTAAAGAAAACGAAT 880

TAAACCCAAAATATGTTTTTCATGGTCTCTCTCTGAGGATTGAGGTTTACAAAGGTGTTAGCAGATGCGAAGTAAAG 959

AACGTCACTTTGAAACCCATTTCATCACACAGCATACGCTACACATGGAACACCCCAAGCCATGACTGAACACGTTCTCAG 1038

TGCTTAATTCTTAAATTTCTTTACTCATGACATTTTCGAGTGCAGAGAAGGCAGAACCCCAAGAAAACGTCATCTTTGA 1117

GACTTTGCTTTTGTAAACGCAGACATCAGCTTTACACTTCACAGGAGATTGATGGCATTGAGGAAGATTGCAATGGAGAT 1196

CATGACACTACTGTTAATAAGGCCAGGAAAACGTCCATTTCAAGTTCTGAAAAATGTTTTGAGTATTTGAATTTAGAGA 1275

AACAACATGGTTCCAAGAAGGAGGGTGTAAAACCTGTAAAATACTGTCAACATATGTATTCATTAGTTACAATCTCATG 1354

TTTTGTGTTTTCTTAGTACTGTCTATTTTACAACACGTAAAAATACCCCAATATGTTTAAGTATTAAATCACTTTACC 1433

TAGCGTTTTAGAAATATTAATTTACTTTGAAGAGATGTAGAATGTAGCAAATTATGTAAAGCATGTGTATCCAGCGTTAT 1512

GTACTTTGCGCCTTGTGACGTCCTTCTGTCATGTAGCTTTTAGGGTGTAGCTGTGAAAATCATCAGAACTCTTCACTGA 1591

AGCTAATGTTTGGAAAAAATATATACTTTGAAGAACCAATCCAAGTGTGTGCCCTACCCCCAGCTCAGAAGTAGAAAGG 1670

GTTTAAGTTTGTCTGTATTAGCTGTGCCTTCATTATTTTGCTATGTAAATGTGACATATTAATTATAAAATGGTGCATA 1749

ATCAAATTTTACTGCTTGAGGACAGATGCATACAGTAAGGATTTTTAGGAAGAATATATTTAATGTAAAGACTCTTAGC 1828

TTCTGTGTGGGTTTTGAATTATGTGTGAGCCAGTGATCTATAAAGAAACATAAGCTTAAAGTTGTTTATCACTGTGGTG 1907

TTAATAAAACAGTATTTTCAAAAAATAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1986

AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAGGGCGGCCGC 2034

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Input file fthuNARC16B; Output File fthuNARC16B.pat
Sequence length 3206

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GTCGACCCACGCGTCCGGGCGAGGCACGGACGGCGGGCGCCCGGTACCTCTGCCCCGGGTCTCGCTCTCGGGCGGGGC 79

      M   T   P   3
GGCGGCGACGCGGACCTGCGGACTAGCGAACCCGGAGCACGACATCATAAATAAATCCATCAGA ATG ACA CCT 153

S   Q   V   A   F   E   I   R   G   T   L   L   P   G   E   V   F   A   I   C   23
TCT CAG GTT GCC TTT GAA ATA AGA GGA ACT CTT TTA CCA GGA GAA GTT TTT GCG ATA TGT 213

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FIGURE 4A

G	S	C	D	A	L	G	N	W	N	P	Q	N	A	V	A	L	L	P	E	43
GGA	AGC	TGT	GAT	GCT	TTG	GGA	AAC	TGG	AAT	CCT	CAA	AAT	GCT	GTG	GCT	CTT	CTT	CCA	GAG	273
N	D	T	G	E	S	M	L	W	K	A	T	I	V	L	S	R	G	V	S	63
AAT	GAC	ACA	GGT	GAA	AGC	ATG	CTA	TGG	AAA	GCA	ACC	ATT	GTA	CTC	AGT	AGA	GGA	GTA	TCA	333
V	Q	Y	R	Y	F	K	G	Y	F	L	E	P	K	T	I	G	G	P	C	83
GTT	CAG	TAT	CGC	TAC	TTC	AAA	GGG	TAC	TTT	TTA	GAA	CCA	AAG	ACT	ATC	GGT	GGT	CCA	TGT	393
Q	V	I	V	H	K	W	E	T	H	L	Q	P	R	S	I	T	P	L	E	103
CAA	GTG	ATA	GTT	CAC	AAG	TGG	GAG	ACT	CAT	CTA	CAA	CCA	CGA	TCA	ATA	ACC	CCT	TTA	GAA	453
S	E	I	I	I	D	D	G	Q	F	G	I	H	N	G	V	E	T	L	D	123
AGC	GAA	ATT	ATT	ATT	GAC	GAT	GGA	CAA	TTT	GGA	ATC	CAC	AAT	GGT	GTT	GAA	ACT	CTG	GAT	513
S	G	W	L	T	C	Q	T	E	I	R	L	R	L	H	Y	S	E	K	P	143
TCT	GGA	TGG	CTG	ACA	TGT	CAG	ACT	GAA	ATA	AGA	TTA	CGT	TGT	CAT	TAT	TCT	GAA	AAA	CCT	573
P	V	S	I	T	K	K	K	L	K	K	S	R	F	R	V	K	L	T	L	163
CCT	GTG	TCA	ATA	ACC	AAG	AAA	AAA	TTA	AAA	AAA	TCT	AGA	TTT	AGG	GTG	AAG	CTG	ACA	CTA	633
E	G	L	E	E	D	D	D	D	R	V	S	P	T	V	L	H	K	M	S	183
GAA	GGC	CTG	GAG	GAA	GAT	GAC	GAT	GAT	AGG	GTA	TCT	CCC	ACT	GTA	CTC	CAC	AAA	ATG	TCC	693
N	S	L	E	I	S	L	I	S	D	N	E	F	K	C	R	H	S	Q	P	203
AAT	AGC	TTG	GAG	ATA	TCC	TTA	ATA	AGC	GAC	AAT	GAG	TTC	AAG	TGC	AGG	CAT	TCA	CAG	CCG	753
E	C	G	Y	G	L	Q	P	D	R	W	T	E	Y	S	I	Q	T	M	E	223
GAG	TGT	GGT	TAT	GGC	TTG	CAG	CCT	GAT	CGT	TGG	ACA	GAG	TAC	AGC	ATA	CAG	ACG	ATG	GAA	813
P	D	N	L	E	L	I	F	D	F	F	E	E	D	L	S	E	H	V	V	243
CCA	GAT	AAC	CTG	GAA	CTA	ATC	TTT	GAT	TTT	TTC	GAA	GAA	GAT	CTC	AGT	GAG	CAC	GTA	GTT	873
Q	G	D	A	L	P	G	H	V	G	T	A	C	L	L	S	S	T	I	A	263
CAG	GGT	GAT	GCC	CTT	CCT	GGA	CAT	GTG	GGT	ACA	GCT	TGT	CTC	TTA	TCA	TCC	ACC	ATT	GCT	933
E	S	G	K	S	A	G	I	L	T	L	P	I	M	S	R	N	S	R	K	283
GAG	AGT	GGA	AAG	AGT	GCT	GGA	ATT	CTT	ACT	CTT	CCC	ATC	ATG	AGC	AGA	AAT	TCC	CGG	AAA	993
T	I	G	K	V	R	V	B	Y	I	I	I	K	P	L	P	G	Y	S	C	303
ACA	ATA	GGC	AAA	GTG	AGA	GTT	GAC	TAT	ATA	ATT	ATT	AAG	CCA	TTA	CCA	GGA	TAC	AGT	TGT	1053
D	M	K	S	S	F	S	K	Y	W	K	P	R	I	P	L	D	V	G	H	323
GAC	ATG	AAA	TCT	TCA	TTT	TCC	AAG	TAT	TGG	AAG	CCA	AGA	ATA	CCA	TTG	GAT	GTT	GGC	CAT	1113
R	G	A	G	N	S	T	T	T	A	Q	L	A	K	V	Q	E	N	T	I	343
CGA	GGT	GCA	GGA	AAC	TCT	ACA	ACA	ACT	GCC	CAG	CTG	GCT	AAA	GTT	CAA	GAA	AAT	ACT	ATT	1173
A	S	L	R	N	A	A	S	H	G	A	A	F	V	E	F	D	V	H	L	363
GCT	TCT	TTA	AGA	AAT	GCT	GCT	AGT	CAT	GGT	GCA	GCC	TTT	GTA	GAA	TTT	GAC	GTA	CAC	CTT	1233
S	K	D	F	V	P	V	V	Y	H	D	L	T	C	C	L	T	M	K	K	383
TCA	AAG	GAC	TTT	GTG	CCC	GTG	GTA	TAT	CAT	GAT	CTT	ACC	TGT	TGT	TTG	ACT	ATG	AAA	AAG	1293
K	F	D	A	D	P	V	E	L	F	E	I	P	V	K	E	L	T	F	D	403
AAA	TTT	GAT	GCT	GAT	CCA	GTT	GAA	TTA	TTT	GAA	ATT	CCA	GTA	AAA	GAA	TTA	ACA	TTT	GAC	1353
Q	L	Q	L	L	K	L	T	H	V	T	A	L	K	S	K	D	R	K	E	423
CAA	CTC	CAG	TTG	TTA	AAG	CTC	ACT	CAT	GTG	ACT	GCA	CTG	AAA	TCT	AAG	GAT	CGG	AAA	GAA	1413
S	V	V	Q	E	E	N	S	F	S	E	N	Q	P	F	P	S	L	K	M	443
TCT	GTG	GTT	CAG	GAG	GAA	AAT	TCC	TTT	TCA	GAA	AAT	CAG	CCA	TTT	CCT	TCT	CTT	AAG	ATG	1473
V	L	E	S	L	P	E	D	V	G	F	N	I	E	I	K	W	I	C	Q	463
GTT	TTA	GAG	TCT	TTG	CCA	GAA	GAT	GTA	GGG	TTT	AAC	ATT	GAA	ATA	AAA	TGG	ATC	TGC	CAG	1533
Q	R	D	G	M	W	D	G	N	L	S	T	Y	F	D	M	N	L	F	L	483
CAA	AGG	GAT	GGA	ATG	TGG	GAT	GGT	AAC	TTA	TCA	ACA	TAT	TTT	GAC	ATG	AAT	CTG	TTT	TTG	1593
D	I	I	L	K	T	V	L	E	N	S	G	K	R	R	I	V	F	S	S	503
GAT	ATA	ATT	TTA	AAA	ACT	GTT	TTA	GAA	AAT	TCT	GGG	AAG	AGG	AGA	ATA	GTG	TTT	TCT	TCA	1653
F	D	A	D	I	C	T	M	V	R	Q	K	Q	N	K	Y	P	I	L	F	523
TTT	GAT	GCA	GAT	ATT	TGC	ACA	ATG	GTT	CGG	CAA	AAG	CAG	AAC	AAA	TAT	CCG	ATA	CTA	TTT	1713
L	T	Q	G	K	S	E	I	Y	P	E	L	M	D	L	R	S	R	T	T	543
TTA	ACT	CAA	GGA	AAA	TCT	GAG	ATT	TAT	CCT	GAA	CTC	ATG	GAC	CTC	AGA	TCT	CGG	ACA	ACC	1773
P	I	A	M	S	F	A	Q	F	E	N	L	L	G	I	N	V	H	T	E	563
CCC	ATT	GCA	ATG	AGC	TTT	GCA	CAG	TTT	GAA	AAT	CTA	CTG	GGG	ATA	AAT	GTA	CAT	ACT	GAA	1833

FIGURE 4B

D	L	L	R	N	P	S	Y	I	Q	E	A	K	A	K	G	L	V	I	F	583
GAC	TTG	CTC	AGA	AAC	CCA	TCC	TAT	ATT	CAA	GAG	GCA	AAA	GCT	AAG	GGA	CTA	GTC	ATA	TTC	1893
C	W	G	D	D	T	N	D	P	E	N	R	R	K	L	K	E	L	G	V	603
TGC	TGG	GGT	GAT	GAT	ACC	AAT	GAT	CCT	GAA	AAC	AGA	AGG	AAA	TTG	AAG	GAA	CTT	GGA	GTT	1953
N	G	L	I	Y	D	R	I	Y	D	W	M	P	E	Q	P	N	I	F	Q	623
AAT	GGT	CTA	ATT	TAT	GAT	AGG	ATA	TAT	GAT	TGG	ATG	CCT	GAA	CAA	CCA	AAT	ATA	TTC	CAA	2013
V	E	Q	L	E	R	L	K	Q	E	L	P	E	L	K	S	C	L	C	P	643
GTG	GAG	CAA	TTG	GAA	CGC	CTG	AAG	CAG	GAA	TTG	CCA	GAG	CTT	AAG	AGC	TGT	TTG	TGT	CCC	2073
T	V	S	R	F	V	P	S	S	L	C	G	E	S	D	I	H	V	D	A	663
ACT	GTT	AGC	CGC	TTT	GTT	CCC	TCA	TCT	TTG	TGT	GGG	GAG	TCT	GAT	ATC	CAT	GTG	GAT	GCC	2133
N	G	I	D	N	V	E	N	A	*											673
AAC	GGC	ATT	GAT	AAC	GTG	GAG	AAT	GCT	TAG											2163
TTTTTATTTGCACAGAGGTCA	TTTTTGGGGGCGTGCACCGCTG	TTCTGGGTATTCATTTTTCATCACTGAGCAT	TGTTGAT																	2242
CTATGCCTTTTGGGCTTCTCAGTTCAATGAAGCAATAATGAAGTATTTAACTCTTTCACTACAGTTCTTGCAAGTATGC																				2321
TATTTAAATTACTTGGCCAGGTATAATTGCCAGTCAGTCTCTTTATAGTGAGAAAATTTATTGGTTAGTAATATAAATA																				2400
TTTTAAACTAAATATATAAAATCTATAATGTTAAACATATGTTTCATTAAAAGCATAGCACTTTGAAATTAACATATATAAA																				2479
TAGCTCATATTTACACTTACAGCTTTTCATTTGATCAGGTCTGAAATCTTTAGCACTTAAGGAAAAATGACTATGCATAA																				2558
TTATACCTGACCATGAAAAAATAAGTACCTCAAAATGCATGCATTTGCACTGGTGATTCCAACCTGCACAAATCTTTGTG																				2637
CCATCTTGTATATAGGTATTTTTTACATGGGTTGACATGCACACAACACCATTTTCATTCAGTATGAACCTTGAGGCTG																				2716
CTGCCATTTTTCCACTTAACCAAACCAGCCTGAAGGTGAACCTCGAAACTTGTTCATAAAATCTTCAAAAAGTTGTTTT																				2795
ACATCAATGTTAAAAATTTCAAAATGCTGCAGGGTAATTTAATGTATAAAATATTAGTAAGAAAAAGTATGTATTGCATA																				2874
CTTAGTAGAATAGATCACAACATACAAATTCAATTCAGTGCATGCTTTAGGTGTTAAGCATGAGATTGTACATGTTTAC																				2953
TGTTAGGTCCTTGCATCTGTGGTGCTAGGTGAGTATGAGAAGATGTCAAGGACTGGACGTATTTTGTTCCTAAAAAAA																				3032
AAAGGCTGTTTGTAGGCGTTTTAAATATGCTTATTTTGTGTGTCTCTCACTACCTATTACACACTGTTGCTTTGTGGGT																				3111
TTGTTTGTATGTGCGTGTGTTATACAGTAGTTAAATTTCCATGCAGAAAAATAAATGTCCTGAATTCTCAAAAAAAA																				3190
AAAAAAGGGCGGCCGC																				3206

FIGURE 4C

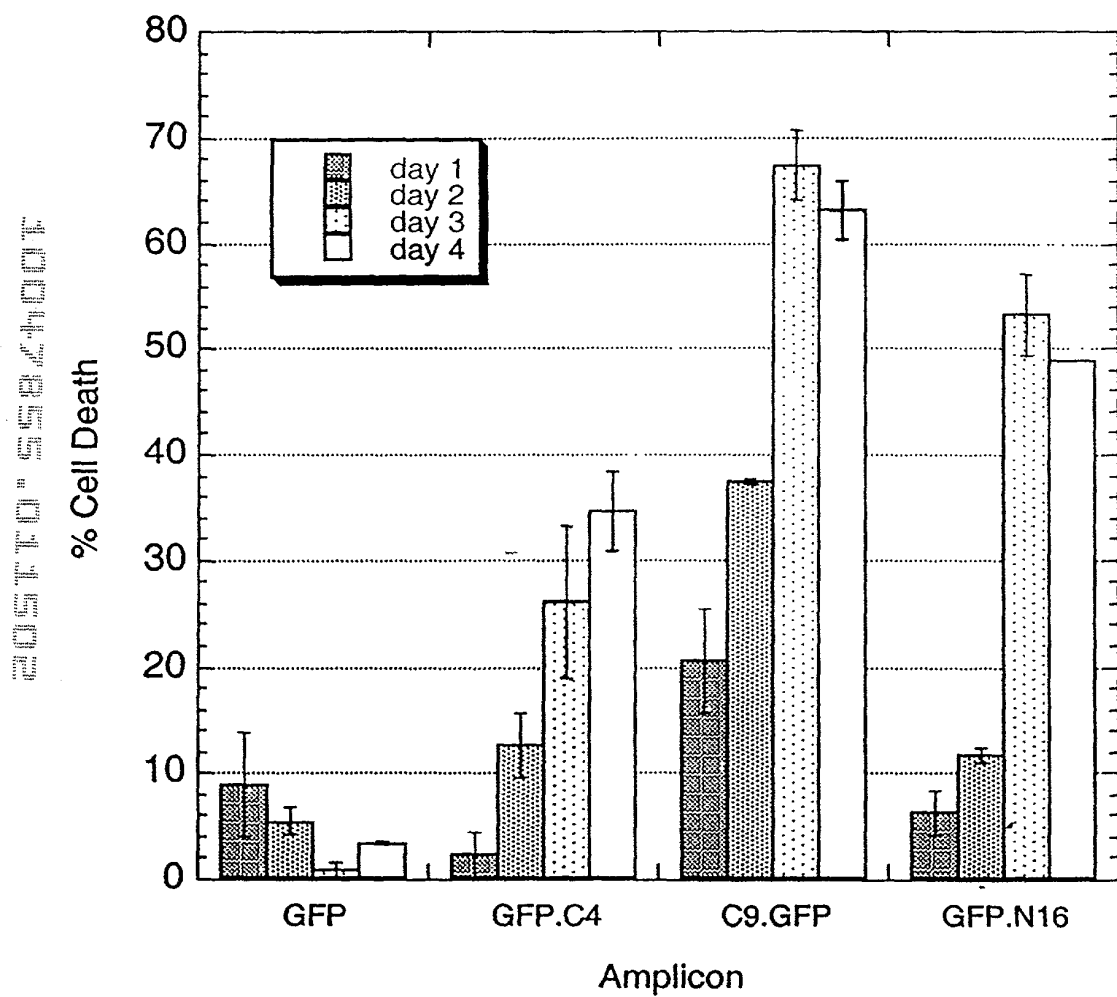


FIGURE 5